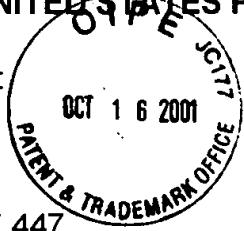


PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re the application of:

W. Lubitz, et al.

Serial Number: 09/117,447

Filed: December 2, 1998

For: RECOMBINANT EXPRESSION OF S-LAYER PROTEINS

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Group Art Unit: 1645

Examiner: N. Minnifield

Attorney Dkt. No.: 100564-08013

Commissioner for Patents  
Washington, D.C. 20231

Date: October 16, 2001

Sir:

This Amendment under 37 C.F.R. §1.116 is being filed in response to the final Office Action of July 16, 2001 for the above-referenced application, making the response due on or before October 16, 2001.

Please amend the application as follows. A copy of the marked-up relevant portion of claims is attached to this response showing the changes as set forth in amended 37 C.F.R. §1.121.

IN THE CLAIMS:

Please amend claims 1 and 5-12 as follows:

1. (Twice Amended) A process for production of a complete S-layer protein comprising
  - (a) transforming a gram-negative prokaryotic host cell with a nucleic acid encoding an S-layer protein selected from the group consisting of

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